

Date Mailed: 12 December 2005

Sheet 1 of 1

<b>FORM 1449*</b> <b>INFORMATION DISCLOSURE STATEMENT</b>  <b>IN AN APPLICATION</b>  (Use several sheets if necessary)	Docket Number: 00758.1509USWO	Application Number Unknown <b>20756040</b>
	Applicant: HOU et al.	
	Filing Date: 12 December 2005	Group Art Unit: Unknown

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
BT	US 6,487,852 B1	12/2002	Murphy et al.				
↓	US 2002/178716 A1	12/2002	Hammerle et al.				
	US 5,950,422 A	9/1999	Doelling				
	US 6,119,448 A	9/2000	Emmerling et al.				
	US 6,023,930	2/2000	Iwamoto et al.				
BT	US 2003/089104 A1	5/2003	Colignon				
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
BT	EP 1 273 773 A2	1/2003	Europe				
↓	EP 1 149 991 A2	10/2001	Europe				
	DE 100 43 613 A1	2/2002	Germany			Abstract	
BT	EP 1 111 211 A2	6/2001	Europe				
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							

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EXAMINER	/Binh Tran/	DATE CONSIDERED	01/22/2007
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FORM 1449\*

## INFORMATION DISCLOSURE STATEMENT

Docket Number:

758.1509USWO

Application Number:

10/560,401

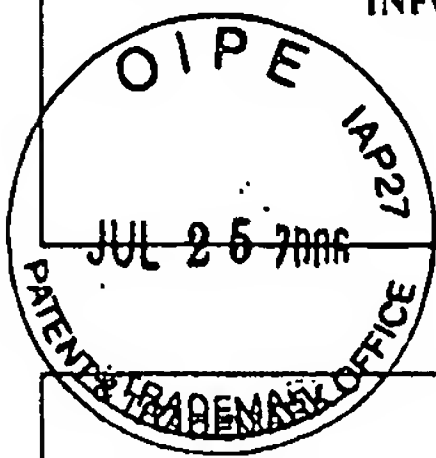
IN AN APPLICATION

(Use several sheets if necessary)

Applicant: HOU ET AL.

Filing Date: 12/12/2005

Group Art Unit: UNKNOWN



## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
BT	3,499,269	03/10/1970	Bois			
	3,654,432	04/04/1972	Dyre			
	3,744,249	07/10/1973	August			
	4,054,418	10/18/1977	Miller et al.			
	4,167,852	09/18/1979	Ludecke			
	4,211,075	07/08/1980	Ludecke et al.			
	4,270,936	06/02/1981	Mann			
	4,276,066	06/30/1981	Bly et al.			
	4,303,552	12/01/1981	Ernest et al.			
	4,319,896	03/16/1982	Sweeney			
	4,360,156	11/23/1982	Soth et al.			
BT	4,372,111	02/08/1983	Virk et al.			
	4,381,643	05/03/1983	Stark			
	4,391,095	07/05/1983	Virk			
	4,403,473	09/13/1983	Gladden			
	4,404,796	09/20/1983	Wade			
	4,449,362	05/22/1984	Frankenberg et al.			
	4,450,682	05/29/1984	Sato et al.			
	4,471,611	09/18/1984	Watanabe			
	4,481,767	11/13/1984	Stark			
	4,485,621	12/04/1984	Wong et al.			
	4,485,622	12/04/1984	Takagi et al.			
	4,509,327	04/09/1985	Enga			
	4,510,265	04/09/1985	Hartwig			
	4,515,758	05/07/1985	Domesle et al.			
BT	4,549,398	10/29/1985	Oishi et al.			

EXAMINER

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	Applicant: HOU ET AL.	
	Filing Date: 12/12/2005	Group Art Unit: UNKNOWN

BT	4,573,317	03/04/1986	Ludecke			
	4,617,289	10/14/1986	Saito et al.			
	4,631,076	12/23/1986	Kurihara et al.			
	4,670,020	06/02/1987	Rao			
	4,685,290	08/11/1987	Kamiya et al.			
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	4,719,751	01/19/1988	Kume et al.			
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	4,851,015	07/25/1989	Wagner et al.			
	4,878,928	11/07/1989	Wagner et al.			
BT	4,899,540	02/13/1990	Wagner et al.			
	4,902,487	02/20/1990	Cooper et al.			
	5,053,062	10/01/1991	Barris et al.			
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	5,347,809	09/20/1994	Moeckel et al.			
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BT	5,419,121	05/30/1995	Sung et al.			
	5,522,218	06/04/1996	Lane et al.			
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BT	2002/0194835 A1	12/26/2002	Bromberg et al.			

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	Filing Date: 12/12/2005	Group Art Unit: UNKNOWN

BT	6,526,746 B1	03/04/2003	Wu				
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	BT	7,000,383 B2	02/21/2006	van Nieuwstadt et al.			
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
BT	889,019	09/16/1981	BE			X	
BT	199 46 901 A1	04/05/2001	DE			Abstract	
BT	0 070 619 A2	01/26/1983	EP				

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BT	1 223 312 B1	10/27/2004	EP			Claims	
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	2 084 898 A	04/21/1982	GB				
	2 134 407 A	08/15/1984	GB				
	59-520	01/05/1984	JP			Abstract	
	63-198717	08/17/1988	JP			Abstract	
	5-44435	02/23/1993	JP			Abstract	
	10089057	04/07/1998	JP			Abstract Only	
BT	WO 01/34950 A1	05/17/2001	PCT				

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BT		"Delavan Spray Technologies," <i>Nozzle Technology</i> , Coltec Industries, pp. 2.2-2.16 (Date Unknown)
		"Fact Sheet re: Diesel Particulate Matter," pp. 2-8 (Date Unknown)
		"How a Nozzle Works," pp. 3-5 (Date Unknown)
		Catlin, C. et al., "Physical Processes Influencing Effervescent Atomizer Performance in the Slug and Annular Flow Regimes," <i>Atomization and Sprays</i> , Vol. 11, pp. 575-595 (2001)
		Fayard, J. et al., "A New DPF System for Duty Cycle Vehicles," <i>Technologies</i> , pp. 77-85 (2004)
		Kim, J. et al., "Dependence of Spraying Performance on the Internal Flow Pattern in Effervescent Atomizers," <i>Atomization and Sprays</i> , Vol. 11, pp. 735-756 (2001)
		Leteuvre, H., "Effervescent Atomizers," <i>Atomization and Sprays</i> , Taylor & Francis, 2 pages (1989)
		Page, D. et al., "The QuadCAT™ Four-Way Catalytic Converter: An Integrated Aftertreatment System for Diesel Engines," <i>SAE Technical Paper Series</i> , pp. 1-8 (August 17-19, 1999)
		Sovani, S. et al., "Effervescent atomization," <i>Progress in Energy and Combustion Science</i> , Vol. 27, pp. 483-521 (2001)
BT		Suresh, A. et al., "A Study of the Effect of a Catalyzed Particulate Filter on the Emissions from a Heavy-Duty Diesel Engine with EGR," pp. 1-19 (2001)

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